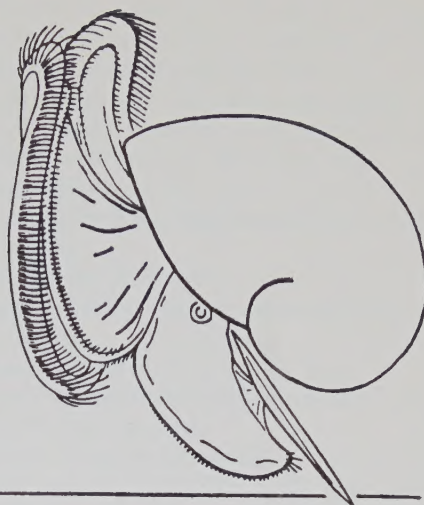


THE VELIGER

A Quarterly published by
CALIFORNIA MALACOOLOGICAL SOCIETY, INC.
Berkeley, California



Volume 11

July 1, 1968 to April 1, 1969



Digitized by the Internet Archive
in 2024

TABLE OF CONTENTS

A color variation of <i>Aldisa sanguinea</i> .	
RICHARD A. ROLLER	280
A cowrie mutant from the Gulf of Thailand.	
FRANZ ALFRED SCHILDER	34
A list of types of the family Volutidae held by the National Museum of Victoria.	
BRIAN J. SMITH	39
A method of color preservation in opisthobranch mollusks.	
GORDON A. ROBILLIARD	288
A method of tagging mollusks underwater.	
RICHARD J. ROSENTHAL	289
An additional record for <i>Cypraea teres</i> in the Galápagos Islands.	
WILLIAM K. EMERSON & WILLIAM E. OLD, JR.	98
An annotated list of opisthobranchs from San Luis Obispo County, California.	
RICHARD A. ROLLER & STEVEN J. LONG	424
An emendation.	
CRAWFORD N. CATE	80
An immunological study of pelecypod taxonomy.	
LARKLYN FISHER	434
A new genus and two new species of Typhinae from the Panamic Province (Gastropoda: Muricidae).	
HELEN DUSHANE	343
An investigation of the commensals of <i>Cryptochiton stelleri</i> (MIDDENDORFF, 1847) in the Monterey Peninsula area, California.	
STEVEN K. WEBSTER	121
A new <i>Neptunea</i> from the Pacific Northwest.	
ALLYN G. SMITH	117
A new record of <i>Corambella steinbergae</i> LANCE, 1962.	
TERRENCE GOSLINER	147
A new species of enopleuthid squid, <i>Abrialopsis (Watasenia) felis</i> , from the California Current.	
JOHN A. MCGOWAN & TAKASHI OKUTANI ..	72
A new species of <i>Murexsul</i> (Gastropoda: Muricidae) from the Galápagos Islands.	
WILLIAM K. EMERSON & ANTHONY D'ATTILIO	324
A new species of <i>Puncturella (Cranopsis)</i> from the north-eastern Pacific.	
I. MCT. COWAN & JAMES H. MCLEAN	105
A new species of <i>Strombina</i> from the Galápagos Islands.	
WILLIAM K. EMERSON & ANTHONY D'ATTILIO	195
A note on feeding and excretion in bivalves.	
P. DINAMANI	198
A note on the range of <i>Gastropterion pacificum</i> (Opisthobranchia: Cephalaspidea).	
HANS BERTSCH	431
An overlooked subgenus and species from Panama.	
A. MYRA KEEN	439

A preliminary survey of mollusks for Consag Rock and adjacent areas, Gulf of California, Mexico.	
HELEN DUSHANE & ELLEN BRENNAN	351
<i>Archidoris odhneri</i> (MACFARLAND, 1966) comb. nov., with some comments on the species of the genus on the Pacific coast of North America.	
ROBERT BURN	90
A record of the Indo-Pacific cone, <i>Conus ebraeus</i> , in Guatemala.	
WILLIAM K. EMERSON	33
A review of the living leptonacean bivalves of the genus <i>Aligena</i> .	
HAROLD W. HARRY	164
A survey of the littoral marine mollusks of the Caribbean coast of Costa Rica.	
JOSEPH RICHARD HOUBRICK	4
Banding patterns in <i>Haliotis</i> - II. Some behavioral considerations and the effect of diet on shell coloration for <i>Haliotis rufescens</i> , <i>Haliotis corrugata</i> , <i>Haliotis sorenseni</i> , and <i>Haliotis assimilis</i> .	
DAVID S. OLSEN	135
Distribution of organic bromine compounds in <i>Aplysia californica</i> COOPER, 1863.	
LINDSAY R. WINKLER	268
Effects of turbidity-producing substances in sea water on eggs and larvae of three genera of bivalve mollusks.	
HARRY C. DAVIS & HERBERT HIDU	316
Familial placement of <i>Hanetia</i> JOUSSEAUME, 1880 (Muricidae) and <i>Solenosteira</i> DALL, 1890 (Buccinidae).	
WILLIAM K. EMERSON	1
Feeding behavior of <i>Corambella steinbergae</i> .	
JAMES W. MCBETH	145
Five new species of Mitridae from the Indian and Pacific oceans.	
JEAN M. CATE	85
Further observations on the West American Marginellidae with the description of two new species.	
BARRY ROTH & EUGENE COAN	62
Gross anatomy and classification of the commensal gastropod, <i>Caledoniella montrouzieri</i> SOUVERBIE, 1869.	
JOSEPH ROSEWATER	345
Growth characteristics of <i>Acmaea persona</i> ESCHSCHOLTZ.	
RON KENNY	336
Growth study in <i>Olivella biplicata</i> (SOWERBY, 1825).	
RUDOLF STOHLER	259
<i>Haliotis pourtalesii</i> DALL, 1881 from Florida waters.	
CHARLES J. GUICE	140
Invertebrates taken in six year trawl study in Santa Monica Bay.	
JOHN G. CARLISLE, JR.	237
<i>Laternula</i> living on the Pacific Coast?	
A. MYRA KEEN	439

List of type specimens of Terebridae in the British Museum (Natural History).	
WALTER OLIVER CERNOHORSKY	210
<i>Littorina littorea</i> in California (San Francisco and Trinidad Bays).	
JAMES CARLTON	283
Maturation of gonads of oysters, <i>Crassostrea virginica</i> , of different geographical areas subjected to relatively low temperatures.	
VICTOR L. LOOSANOFF	153
<i>Mediargo</i> , a new Tertiary genus in the family Cymatiidae.	
JUDITH S. TERRY	42
Molluscan faunas of Pacific Coast salt marshes and tidal creeks.	
KEITH B. MACDONALD	399
New northern limit for the limpet, <i>Acmaea digitalis</i> .	
WILLIAM A. JESSEE	144
New records of nudibranchs from New Jersey.	
ROBERT E. LOVELAND, GORDON HENDLER & GARY NEWKIRK	418
Nomenclatural changes for the new species assigned to <i>Cratena</i> by MacFarland, 1966.	
RICHARD A. ROLLER	421
Notes on <i>Cryptochiton stelleri</i> (MIDDENDORFF, 1846).	
G. E. MAC GINITIE & NETTIE MACGINITIE	59
Notes on the food of <i>Conus dalli</i> STEARNS, 1873.	
JAMES W. NYBAKKEN	50
Notes on the habitat and anatomy of <i>Jouannetia quillingi</i> from North Carolina coastal waters.	
DOUGLAS A. WOLFE	126
Observations on aquarium specimens of <i>Oliva sayana</i> RAVENEL.	
AXEL A. OLSSON & MRS. L. E. CROVO	31
On an octopod from Placentia Bay, Newfoundland.	
FREDERICK A. ALDRICH & C. C. LU	70
Pelecypod-sediment association in Tomales Bay, California.	
DON MAURER	243
Predators on <i>Olivella biplicata</i> , including a species-specific predator avoidance response.	
D. CRAIG EDWARDS	326
" <i>Ptychodon</i> " <i>misoolensis</i> ADAM & VAN BENTHEM JUTTING, 1939, a new Guinea strobilopsid land snail and review of the genus <i>Enteroplax</i> .	
ALAN SOLEM	24
Quantitative relationships between gill number, respiratory surface, and cavity shape in chitons.	
KAY M. JOHNSON	272
Quantitative studies on cowries (Cypraeidae) of the Allan Hancock Foundation collections.	
GERALD J. BAKUS	93

Recognition of an Eastern Pacific <i>Macoma</i> in the Coral-line Crag of England and its biogeographic significance.	
EUGENE V. COAN	277
Rediscovery of <i>Terebra trochlea</i> DESHAYES.	
TWILA BRATCHER	334
Removal of pea crabs from live oysters by using Sevin.	
JAY D. ANDREWS, DONNA TURGEON & MARIAN HREHA	141
Revision of "Introduced mollusks of western North America."	
JAMES CARLTON	284
Seasonal gonadal changes in two bivalve mollusks in Tomales Bay, California.	
VERNON KENNETH LEONARD, JR.	382
Seasonal observations on diet, and stored glycogen and lipids in the horse clam, <i>Tresus capax</i> (GOULD, 1850).	
ROBERT G. B. REID	378
Sexual dimorphism in <i>Tegula funebris</i> .	
PETER W. FRANK	440
Some observations on the ecology and behavior of <i>Lucapinella callomarginata</i> .	
RICHARD L. MILLER	130
Spawning and development in the trochid gastropod <i>Euchelus gemmatus</i> (GOULD, 1841) in the Hawaiian Islands.	
THOMAS M. DUCH	415
Spawning notes, II. <i>Mitra dolorosa</i> .	
FAY H. WOLFSON	281
Spawning notes, III. <i>Strombina maculosa</i> .	
FAY H. WOLFSON	440
Spawning notes, IV. <i>Cerithium stercusmuscarum</i> .	
FAY H. WOLFSON	441
Spawning of the American oyster <i>Crassostrea virginica</i> , at extreme pH levels.	
ANTHONY CALABRESE & HARRY C. DAVIS	235
Studies on the <i>Mytilus edulis</i> community in Alamitos Bay, California. IV. Seasonal variation in gametes from different regions of the bay.	
DONALD R. MOORE & DONALD J. REISH	250
Studies on populations of the cowrie <i>Erronea erronea</i> (LINNAEUS).	
FRANZ ALFRED SCHILDER & MARIA SCHILDER .	109
<i>Tellina ulloana</i> , a new species from Magdalena Bay, Mexico.	
LEO G. HERTLEIN	80
The ecology of <i>Macoma inconspicua</i> (BRODERIP & SOWERBY, 1829) in Central San Francisco Bay. Part I. The vertical distribution of the <i>Macoma</i> community.	
MARILYN T. VASSALLO	223

The egg capsules of *Jenneria pustulata* (LIGHTFOOT, 1786),
with notes on spawning in the laboratory.

CHARLES N. D'ASARO 182

The egg masses and veligers of southern California saccoglossan opisthobranchs.

RICHARD W. GREENE 100

The interrelationships of certain boreal and arctic species
of *Yoldia* MÖLLER, 1842.

I. McT. COWAN 51

The *Littorina ziczac* species complex.

THOMAS V. BORKOWSKI & MARILYNN R. BORKOWSKI
..... 410

The Muricidae of Fiji. - Part II. Subfamily Thaidinae.

WALTER OLIVER CERNOHORSKY 293

The rediscovery of *Voluta (Lyria) grangeri* SOWERBY 3rd,
1900.

CLIFTON STOKES WEAVER & JOHN ELEUTHÈRE DUPONT
..... 36

The role of behavioral traits in influencing the distribution
of two species of sea mussel, *Mytilus edulis* and
Mytilus californianus.

J. R. E. HARGER 45

The shell structure and mineralogy of *Chama pellucida*
BRODERIP.

JOHN DAVID TAYLOR & WILLIAM JAMES KENNEDY
..... 391

The taxonomic significance and theoretical origin of surface
patterns on a newly discovered bivalve shell
layer, the Mosaicostracum.

GEORGE H. HAMILTON 185

The type of *Tegula funebris* (A. ADAMS, 1855).

RUDOLF STOHLER 408

Two new cypraeid species in the genus *Erronea*.

CRAWFORD N. CATE 256

Two new records of *Cratena abronia*.

STEVEN J. LONG 281

Two new species of the genus *Volva* RÖDING, 1798 (Ovulidae
FLEMING, 1828).

CRAWFORD NEILL CATE 364

Use of the propodium as a swimming organ in an ancillid
(Gastropoda: Olividae).

BARRY R. WILSON 340

Volutocorbis and *Fusivoluta*, two genera of deepwater Volutidae
from South Africa.

HARALD A. REHDER 200

What is *Macoma truncaria* DALL?

EUGENE V. COAN 281

Zoogeographical studies on living cowries.

FRANZ ALFRED SCHILDER 367

AUTHOR INDEX

ALDRICH, FREDERICK A. & C. C. LU 70

ANDREWS, JAY D., D. TURGEON & M. HREHA ... 141

BAKUS, GERALD J. 93

BERTSCH, HANS 431

BORKOWSKI, MARILYNN — see BORKOWSKI, THOMAS V. &

BORKOWSKI, THOMAS V. & M. R. BORKOWSKI .. 410

BOSS, KENNETH J. (150), (445)

BRATCHER, TWILA 334

BRENNAN, ELLEN — see DUSHANE, HELEN &

BURN, ROBERT 90

CALABRESE, ANTHONY & HARRY C. DAVIS 235

CARLISLE, JOHN G., JR. 237

CARLTON, JAMES 283, 284

CATE, CRAWFORD NEILL 80, 256, 364

CATE, JEAN M. 85

CERNOHORSKY, WALTER OLIVER 210, 293

COAN, EUGENE V. 277, 281

see also: ROTH, BARRY &

COWAN, I. McT. 51

COWAN, I. McT. & JAMES H. MCLEAN 105

CROVO, MRS. L. E. see: OLSSON, AXEL A. &

D'ASARO, CHARLES N. 182

D'ATTILIO, ANTHONY see: EMERSON, WILLIAM K. &

DAVIS, HARRY C. & HERBERT HIDU 316

see also: CALABRESE, ANTHONY &

DINAMANI, P. 198

DUCH, THOMAS M. 415

DUPONT, JOHN ELEUTHÈRE see: WEAVER, CLIFTON S. &

DUSHANE, HELEN 343

DUSHANE, HELEN & ELLEN BRENNAN 351

EDWARDS, D. CRAIG 326

EMERSON, WILLIAM K. 1, 33, (444)

EMERSON, WILLIAM K. & A. D'ATTILIO 195, 324

EMERSON, WILLIAM K. & W. E. OLD, JR. 98

FISHER, LARKLYN 434

FRANK, PETER W. 440

GOSLINER, TERRENCE 147

GREENE, RICHARD W. 100

GUICE, CHARLES J. 140

HAMILTON, GEORGE H. 185

HARGER, J. R. E. 45

HARRY, HAROLD W. 164

HENDLER, GORDON, see: LOVELAND, ROBERT E. &

HERTLEIN, LEO G. 80, (149)

HIDU, HERBERT, see: DAVIS, HARRY C. &

HOUBRICK, JOSEPH RICHARD 4

HREHA, MARIAN, see: ANDREWS, J. D., D. TURGEON &

JESSEE, WILLIAM F. 144

JOHNSON, KAY M. 272

KEEN, A. MYRA (83), 439

KENNEDY, WILLIAM J., see: TAYLOR, JOHN DAVID &



KENNY, RON	336	ROBILLIARD, GORDON A.	289
LEONARD, VERNON KENNETH, Jr.	382	ROLLER, RICHARD A.	280, 421
LONG, STEVEN J.	281	ROLLER, RICHARD A. & STEVEN J. LONG	424
see also: ROLLER, RICHARD A. &		ROSENTHAL, RICHARD J.	288
LOOSANOFF, VICTOR L.	153	ROSEWATER, JOSEPH	345
LOVELAND, ROBERT E., G. HENDLER & G. NEWKIRK	418	ROTH, BARRY & EUGENE V. COAN	62
LU, C. C. sec: ALDRICH, FREDERICK A. &		SCHILDER, FRANZ ALFRED	34, 367
MACDONALD, KEITH B.	399	SCHILDER, FRANZ ALFRED & MARIA SCHILDER ...	109
MACGINITIE, G. E. & NETTIE MACGINITIE	59	SCHILDER, MARIA, sec: SCHILDER, FRANZ ALFRED &	
MACGINITIE, NETTIE, sec: MACGINITIE, G. E. &		SMITH, ALLYN G.	117
MAURER, DON	243	SMITH, BRYAN J.	39
MCBETH, JAMES W.	145	SOLEM, ALAN	24
MCGOWAN, JOHN A. & TAKASHI OKUTANI	72	STOHLER, RUDOLF (84), (151), (156), 259, (291),	
MCLEAN, JAMES H., sec: COWAN, I. McT. &		(292), 408, (444)	
MILLER, RICHARD L.	130	TAYLOR, JOHN DAVID & W. J. KENNEDY	391
MOORE, DONALD R. & DONALD J. REISH	250	TERRY, JUDITH S.	42
NEWKIRK, GARY, sec: LOVELAND, R. E., G. HENDLER &		TURGEON, DONNA, sec: ANDREWS, J. D., —, & M. HREHA	
NYBAKKEN, JAMES W.	50	VASSALLO, MARILYN T.	223
OKUTANI, TAKASHI, sec: MCGOWAN, JOHN A. &		WEAVER, CLIFTON S. & JOHN E. DUPONT	36
OLD, WILLIAM E., Jr., sec: EMERSON, WILLIAM K. &		WEBSTER, STEVEN K.	121
OLSEN, DAVID A.	135	WILSON, BARRY R.	340
OLSSON, AXEL A. & Mrs. L. E. CROVO	31	WINKLER, LINDSAY R.	268
REHDER, HARALD A.	200	WOLFE, DOUGLAS S.	126
REID, ROBERT G. B.	378	WOLFSON, FAY H.	282, 440, 441
REISH, DONALD J., sec: MOORE, DONALD R. &			

